What Is Claimed Is:

- 1. An isolated polynucleotide comprising a member selected from the group consisting of:
- (a) a polynucleotide having at least a 70% identity to a polynucleotide encoding an enzyme comprising amino acid sequences set forth in SEQ ID NOS:33-42;
- (b) a polynucleotide which is complementary to the polynucleotide of (a); and
- (c) a polynucleotide comprising at least 15 consecutive bases of the polynucleotide of (a) or (b).
 - 2. The polynucleotide of Claim 1 wherein the polynucleotide is DNA.
 - 3. The polynucleotide of Claim 1 wherein the polynucleotide is RNA.
- 4. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 414 of SEQ ID NO:33.
- 5. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 373 of SEQ ID NO:34.
- 6. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 453 of SEQ ID NO:35.
- 7. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 343 of SEQ ID NO:36.
- 8. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 398 of SEQ ID NO:37.

- 9. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 592 of SEQ ID NO:38.
- 10. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 354 of SEQ ID NO:39.
- 11. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 303 of SEQ ID NO:40.
- 12. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 311 of SEQ ID NO:41.
- 13. The polynucleotide of Claim 2 which encodes an enzyme comprising amino acids 1 to 305 of SEQ ID NO:42.
- 14. An isolated polynucleotide comprising a member selected from the group consisting of:
- (a) a polynucleotide having at least a 70% identity to a polynucleotide encoding an enzyme expressed by the DNA contained in ATCC Deposit No.
 - (b) a polynucleotide complementary to the polynucleotide of (a); and
- (c) a polynucleotide comprising at least 15 consecutive bases of the polynucleotide of (a) and (b).
 - 15. A vector comprising the DNA of Claim 2.
 - 16. A host cell comprising the vector of Claim 15.
- 17. A process for producing a polypeptide comprising: expressing from the host cell of Claim 16 a polypeptide encoded by said DNA.

- 18. A process for producing a cell comprising: transforming or transfecting the cell with the vector of Claim 15 such that the cell expresses the polypeptide encoded by the DNA contained in the vector.
- 19. An enzyme comprising a member selected from the group consisting of an enzyme comprising an amino acid sequence which is at least 70% identical to the amino acid sequence set forth in SEQ ID NOS.33-42.
- 20. A method for transferring an amino group from an amino acid to an α -keto acid comprising:

contacting an amino acid in the presence of an α -keto acid with an enyzme selected from the group consisting of an enzyme having the amino acid sequence set forth in SEQ ID NOS:33-42.

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